# ORDER

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

6930.20

7/6/70

**SUBJ:** ARTCC AUTOMATION WING BUILDING, SIZE 150--STANDARD DESIGN

1. PURPOSE. This Order announces the completion, by the National Airspace System Program Office, of the new national standard design for the "Construction of Automation Wing Building Size 150 for ARTCCs." This issuanceof drawings provides the technical standards for the construction of automation buildings planned in the Federal Aviation Administration ARTCC Modernization and Expansion Program.

2. BACKGROUND. During the development of the Size 100 Automation Wing building, a requirement was developed for a larger Automation Wing at certain ARTC Centers. The Size 100 building was designed to accommodate the 9020A Central Computer Complex and one Computer Display Channel system. The Size 150 wing was developed for the 9020D Central Computer Complex and the 9020E Display Channel Complex. The larger Automation Wing provides flexibility for different equipment requirements. Either a 9020A or 9020D CCC can be installed on the first floor with a 9020E CCC or one or two CDCs on the lower level.

3. APPLICATION. The subject national standard design is to be used for the construction of Size 150 Automation Wing buildings in accordance with approved project assignments. Specification "Automation Wing Building,. Size 100, Construction for ARTCCs," FAA-C-2405a, 11/21/69, will be utilized as the basic specification for the Size 150 building. The specification will be supplemented as site adaption changes dictate. Requests for waivers of the standards are authorized, and they will be evaluated on the basis of technical, financial, and time impacts. Requests for waivers of the standards shall be submitted for approval of the Chief, Facilities Systems Division, NS-500, who will coordinate the request with the cognizant office or service director.

4. LIST OF DRAWINGS. The following approved drawings are being added to the list of current engineering specifications, standards, and drawings for the air traffic control and navigation system, Handbook RD P 4405.3. Inquiries regarding these documents should be directed to the Chief, Facilities Systems Division, NS-500, Attention: NS-520.

**Distribution:** WMS/IS/AM/DC-2; WAT/NS/SM/RD/FI-3; AC-l; R-2

Initiated **By:** NS-500

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5. DISTRIBUTION. One reproducible copy of each of the above drawings has been forwarded to each of the five continental regions. Copies of Specification FAA-C-2405a have been distributed to the regions in accordance with Order 6930.19 dated 12/22/69.

J. W. RABB
Acting Director, National Airspace System Program Office